PDR RID Report

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Section **Page** **Figure Table**

Category Name System-level
Sub Category Management
Subject Need configuration management

Actionee Project(Schroeder/Szczur/Marinelli) & HAIS

Description of Problem or Suggestion:

Several (if not all) of the presenters stated their intentions to establish some configuration control over portions of the design. We run the risk of multiple control boards with conflicting or overlapping roles and responsibilities. This could lead to a lot of confusion. For example: valids, data dictionary, data products, algorithms, CSCI updates, data migration, etc.

Originator's Recommendation

The project should establish a hierarchy of configuration control boards with clearly defined roles and responsibilities. The project should establish a clear change control process. Document everything and place on EDHS.

GSFC Response by: Debbie Blake **GSFC Response Date** 7/10/95

We do not run the risk of multiple control boards.
Relative to the ECS there are two control boards: the ESDIS control board and the Hughes control board. These boards do not have overlapping authority. Generally the ESDIS board controls all Level 2 and Level 3 (e.g.ECS F&PR) requirements, external interfaces, etc. The Hughes board controls all lower level ECS requirements (e.g design), internal interfaces etc. The ESDIS project reserves the right to elevate control as necessary to avoid conflicts and assert control.

The DAAC sites will have site Configuration Control Boards, supported by ECS M&O, which will control site-specific changes to hardware, software and procedures. Site CCBs control the configuration of tools, utilities, and COTS configuration parameters for items installed at their sites in support of the operational ECS.

In addition, the ESDIS V0 CCB composed of DAAC managers has configuration control authority over the operational Version 0 system. The Hughes ECS Control Board does not have authority over the operational Version 0 client; the ECS may recommend changes to the operational V0, but the ESDIS V0 CCB is the configuration control authority. The V0 client software will be delivered to HAIS in February 1996 for inclusion in the ECS Release
A system. The Hughes Control Board has control over changes to the ECS system (including the Release A client), but these changes will not impactthe operational Version 0 system.

The ESDIS CM Plan establishes the hierarchy of configuration control boards, including the relationship of the lower boards to the ESIDS Project board, and defines the configuration change control process. The document is expected to be completed by mid-August 1995 and will be made available via WWW.

HAIS Response by: T. Suhrstedt **HAIS Schedule**
HAIS R. E. J. Schessler **HAIS Response Date** 4/20/95

HAIS has a well-defined CCB hierarchy and documented change control process. The ECS CCB is the only HAIS board with authority to make Class I change recommendations to the ESDIS board. The ECS board constitutes subordinate CCBs as appropriate and necessary and delegates well-delimited authority and responsibility for Class II changes to them. There is no overlap in the authority of these boards and all items that do not fit within the scope of a subordinate board are brought to the ECS CCB. All CCB operations are under the direction of a single CMO and use the same change control and action item tracking system. Specific CCB responsibility for all documentation, including design documents, is assigned by the ECS CCB.

Status **Closed** **Date Closed** **7/17/95** **Sponsor** **Herring**

****** **Attachment if any** ******